

In the Claims:

1-4. (Canceled)

5. (New) A method of regulating an output voltage or current of a power converter, the method comprising:

regulating the output voltage or current by controlling an input current of the power converter responsive to one of the output current or the output voltage of the power converter.

6. (New) The method of Claim 5, wherein regulating the output voltage or current by controlling an input current of the power converter responsive to one of an output current or an output voltage of the power converter comprises regulating the output voltage by causing the input current to be proportional to the output current.

7. (New) The method of Claim 6, wherein regulating the output voltage by causing the input current to be proportional to the output current comprises regulating the output voltage by causing the input current to be proportional to the output current and inversely proportional to an input voltage of the power converter.

8. (New) The method of Claim 5, wherein regulating the output voltage or current by controlling an input current of the power converter responsive to one of an output current or an output voltage of the power converter comprises regulating the output current by causing the input current to be proportional to the output voltage.

9. (New) The method of Claim 8, wherein regulating the output current by causing the input current to be proportional to the output voltage comprises regulating the output current by causing the input current to be proportional to the output voltage and inversely proportional to an input voltage of the power converter.

10. (New) An apparatus comprising:

a power converter; and

a controller configured to regulate an output voltage or current of the power converter by controlling an input current of the power converter responsive to one of the output current or the output voltage of the power converter.

11. (New) The apparatus of Claim 10, wherein the controller is configured to regulate the output voltage by causing the input current to be proportional to the output current.

12. (New) The apparatus of Claim 11, wherein the controller is configured to regulate the output voltage by causing the input current to be proportional to the output current and inversely proportional to an input voltage of the power converter.

13. (New) The apparatus of Claim 10, wherein the controller is configured to regulate the output current by causing the input current to be proportional to the output voltage.

14. (New) The apparatus of Claim 13, wherein the controller is configured to regulate the output current by causing the input current to be proportional to the output voltage and inversely proportional to an input voltage of the power converter.